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# [CITATION] Speech & Audio Signal Processing

B Gold... - 2007 - Wiley-India

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## Audio Signal Processing

[PDF] from 89.222.154.1

P Rao - Speech, Audio, Image and Biomedical Signal ..., 2008 - Springer

... used sampling rate is 44,100Hz, which arose from the **historical** need to ... Widely used classifiers include **statistical pattern** recognition algorithms such as the k nearest neighbours ... The **audio record** is assumed to comprise of the following non-simultaneously occurring sound ...

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## Pattern matching in multivariate time series databases using a moving-window approach

A Singhal... - Ind. Eng. Chem. Res., 2002 - ACS Publications

... networks to classify different signals containing auditive information based on the capture of small ... approach, known as the O-algorithm, compared segments from candidate **audio** signals against ... and the information-theoretic fuzzy approach to extract rules from **historical** data. ...

Cited by 39 - Related articles - BL Direct - All 4 versions

## SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROVIDING COLLECTIVE INTERACTIVE TELEVISION EXPERIENCES

LB Rosenberg - US Patent App. 11/277,165, 2006 - Google Patents

... Others filmed their performances in front of live audiences so that they could capture the reaction of a sample ... 13, 2007 representation of terrestrial emotional response data into the uplinked broadcast media **stream**. ... [0044] In various embodiments, the **audio** processing sub ...

All 2 versions

## [PDF] Multimedia Data Mining in Digital Libraries: Standards and Features

[PDF] from psu.edu

SR Jadhav... - Information Science & Technology (READIT-2007 ... - Citeseer

... mining is the automatic extraction of patterns of information from **historical** data, enabling ... our of the **statistical pattern** recognition, machine learning, and artificial intelligence and coupled with ... There are four types of multimedia data: **audio** data, which includes sound , speech ...

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## Spatio-temporal embedding for statistical face recognition from video

[PDF] from 137.189.97.8

W Liu, Z Li... - Computer Vision-ECCV 2006, 2006 - Springer

... Let V be a **stream** of data, its temporal ordering specified by the corresponding ... What' more, **historical** clustering results provide the reference order for following sequence clustering. ... Since the **audio**-guided method is sensitive to disordered video sequences, we thus propose an ...

Cited by 6 - Related articles - BL Direct - All 7 versions

## Nonlinear component analysis as a kernel eigenvalue problem

[HTML] from scientific.com

B Schölkopf, A Smola... - Neural computation, 1998 - MIT Press

Page 1. LETTER Communicated by Peter Dayan Nonlinear Component Analysis as a Kernel Eigenvalue Problem Bernhard Sch ölkopf Max-Planck-Institut für biologische Kybernetik, 72076 Tübingen, Germany Alexander Smola ...

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## Parallel neural networks for multimodal video genre classification

M Montagnuolo... - Multimedia Tools and Applications, 2009 - Springer

... media content may be much more complex because it includes social, **historical**, cultural and ... The biggest problem behind **statistical pattern** recognition classifiers is that their efficiency depends on the ... number of words per second, the percentage of music in the **audio** track, the ...

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## [PDF] An Objective Approach to Content-Based Audio Signal Classification

[PDF] from free.fr

JJ Burred - 2003 - [jburred.free.fr

... 50 5.1.2 **Stream**-based and file-based **audio** classification . . . . 51 5.2 Signal Preprocessing . . . . . 3.2 (for a **historical** review of research in **audio** classification, see Sect. 3.1). As shown in Fig. 1.1, there are two possible ways to extract content from an **audio** signal. ...

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## [PDF] Representing context-dependent categorical and mixed-value data systems for fault and

[PDF] from stevens.edu

anomaly detection: A highly scalable variable length Markov approach

P Brice - 2009 - sse.stevens.edu

... Theoretical results are presented to show that these models can capture faults and anomalies irrespective of the level of details at which they appear in the data. ... new **stream** can then be compared to **historical** statistics to determine whether they are similar or different. ...

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